

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **08143788 A**

(43) Date of publication of application: **04.06.96**

(51) Int. Cl

C09D 5/03
C09D 7/14

(21) Application number: **06308407**

(22) Date of filing: **18.11.94**

(71) Applicant: **NIPPON CARBIDE IND CO INC**

(72) Inventor: **UEMAE MASAKI
TONAMI NORIYUKI
NAKAZATO YUKINORI
SERIZAWA HIROSHI**

(54) COATING POWDER AND ITS PREPARATION

(57) Abstract:

PURPOSE: To prepare a powder coating which can easily conduct toning of various colors by mere homogeneous blending of powder particles of two or more types having different colors.

CONSTITUTION: This coating powder comprises powder particles of two or more types having different colors. It can form a coating having an even color by mere coating and fusing thereof. The powder particles have an average particle diameter of pref. 1 to 17 μm , still pref. 3 to less than 10 μm , and a softening point of pref. 50 to 120°C, still

pref. 70 to 110°C. Pref., the powder particles are fine particles prep'd. from emulsion particles. For the powder particles, a resin selected from the group consisting of polystyrene, polyacrylic, polystyrene/acrylic, epoxy, and polyester resins is pref. used as a binder resin.

COPYRIGHT: (C)1996,JPO